

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on May 15, 2008 has been entered.
2. In the remarks filed on May 15, 2008, Applicant amended claims 1-10 and submitted arguments for allowability of pending claims 1-10.

Response to Arguments

3. Applicant's arguments, filed May 15, 2008, with respect to claims 1-10 have been fully considered and are persuasive.

Allowable Subject Matter

4. **Claims 1-10** are allowed.
5. The following is an examiner's statement of reasons for allowance:

Regarding claims 1-5, none of the references of record, alone or in combination, suggest or fairly teach the limitations of independent claim 1 in such a manner that a rejection under 35 U.S.C. 102 or 103 would be proper. The prior art fails to disclose an optical disc device comprising: a pickup having a semiconductor laser for

providing a laser beam for recording data on an optical disc, wherein the pickup is configured to identify a type of the optical disc during execution of a recording operation on the optical disc; a motor configured to rotate the optical disc at a rotational speed; a movement mechanism configured to move the pickup in a radial direction of the optical disc; a system controller configured to control a data recording speed at which the recording operation is executed on the optical disc, wherein the system controller controls the data recording speed by supplying a drive current to the semiconductor laser and by controlling the rotational speed at which the motor rotates the optical disc; a temperature sensor configured to detect a temperature of an interior of the pickup; and a memory configured to store information corresponding to different types of optical discs, wherein the information comprises a data recording speed at which a recording operation is optimally executed on a particular type of optical disc based on a particular temperature of the interior of the pickup; wherein the system controller: determines the type of the optical disc on which the pickup is executing the recording operation, wherein the type of the optical disc is determined from the pickup, **obtains a data recording speed from the memory, wherein the obtained data recording speed corresponds to the data recording speed at which a recording operation is optimally executed on the determined type of the optical disc at the temperature detected by the temperature sensor, and controls the drive current supplied to the semiconductor laser and controls the rotational speed at which the motor rotates the optical disc based on the obtained data recording speed such that the data recording speed at which the recording operation is executed on the optical**

disc is changed to the obtained data recording speed thereby continuously executing the recording operation on the optical disc.

Regarding claims 6-10, none of the references of record, alone or in combination, suggest or fairly teach the limitations of independent claim 6 in such a manner that a rejection under 35 U.S.C. 102 or 103 would be proper. The prior art fails to disclose a method of recording data on an optical disc, the method comprising: rotating an optical disc at a rotational speed; executing a recording operation to record data on the optical disc by directing a laser beam onto the optical disc; detecting a temperature of an interior region of a pickup, wherein the pickup comprises a semiconductor laser for providing the laser beam to execute the recording operation, the semiconductor laser being controlled by a drive current determining a type-of the optical disc; **obtaining a data recording speed from a memory, wherein the obtained data recording speed corresponds to a data recording speed at which the recording operation is optimally executed on the determined type of the optical disc at the detected temperature; and controlling the drive current supplied to the semiconductor laser and controlling the rotational speed of the optical disc based on the obtained data recording speed such that the data recording speed at which the recording operation is executed is changed to the obtained data recording speed; continuously executing the recording operation.**

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to LaTanya Bibbins whose telephone number is (571)270-1125. The examiner can normally be reached on Monday through Friday 7:30 am - 5:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wayne Young can be reached on 571 272-7582. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/LaTanya Bibbins/
Examiner, Art Unit 2627

/Wayne Young/
Supervisory Patent Examiner, Art Unit 2627